

Warner Village Water District

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April 19, 2018

U.S. Environmental Protection Agency
Region 1
5 Post Office Square, Suite 100
Mail Code OES04-03
Boston, MA 2109-3912
Attn: Joy Hilton

Re: Docket No. CWA-AO-RO1-FY17-15

Warner Village Water District, March 31, 2018 Quarterly Report Regarding Case

Permit Number NH100498

Dear Ms. Hilton,

Ground Water Discharge System Study

During the reporting Quarter, the District has completed phase one testing with Horizons Engineering of Littleton, NH to access the feasibility of a tract of land to locate a ground water discharge system for the effluent from our waste water treatment plant. The proposed site has had a walking tour and later, seven test holes were dug to access the soil at the site. Employees from the State of New Hampshire DES concluded during their walking tour that the District can and should proceed with further testing of the site. Test borings to determine soil quality will commence in the late April or early May. The District will execute a purchase and sale agreement with the owner of the site by the end of April. After the test borings are complete, a temporary pipe will be installed to deliver treated water to the site for a two week test of the site. If all tests pass, final engineering of the water discharge system will commence. The District will also be exploring funding options to finance the installation of the system.

Phosphorus Optimization Plan

The major source of phosphorus may be the corrosion inhibitor the District currently adds to the water supply. The District is working with a company on other forms of corrosion control and the District will commence using different treatments, if feasible. The District plans to set up a temporary chemical feed system at the waste water plant to inject a coagulant to promote phosphorus removal in the clarifier.

Sincerely,



Ray Martin, District Administrator